

CLCS
Design Panel #21
Minutes

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Agenda

Applications Services CSCI	Julia Samson	
System Viewers CSCI	Jerryl Payne	
Data Distribution CSC	Julie Silva	
Network Services	John Porter	
CLCS G/W to End item Int	Emilio Valencia	
Command Processor CSCI	Walter Clavette	(Hand-out)
Command Management CSC	Walter Clavette	(Hand-out)

The design panel was started by Panel Chairman Kirk Lougheed at 12:30 in room 3017 in the PCC

Julia Samson presented the Applications Services CSCI and the following actions and issues were taken

Action -- ERP

An issue arose concerning the way in which a system error and status message are presented to insure that they are readable and acceptable to the user community. An action which will be processed through the ERP will be taken to get a Human Factors Engineering effort underway to provide guidelines for all error messages, not just applications services.

Action – ERP

Pete Aiello and Carl Duncan brought up an issue of providing a master console type function described as a “blank check” that will provide intrusive, trouble shooting capabilities to the system. This is an issue that CLCS has not addressed yet and will be forwarded to the ERP for resolution. The issue is essentially to start to define those unique capabilities, including trouble shooting tools, that will be available with the Master Console function. These intrusive tools included “on-the-fly” modifications to the OLDB, and the CVT.

Action - Julia Samson

The requirement for FD services providing an API to access every change in a time sequential fashion is being challenged. The validity of the requirement and it's implementation need to be scrutinized.

Action – ERP

Chris Best expressed a concern that the CLCS system software design does not currently have a method for manipulating the criticality of FD at various times of launch countdown without the “applications” being required to provide this. It was felt that this may be an End Item Manager requirement that has not been captured yet.

Jerryl Payne Presented the System Viewers CSCI and the following issues and actions were taken.

Pete Aeillo and Carl Duncan expressed a concern over the navigation through the windows of the system viewers. It was agreed upon that the Redstone version of the viewers will be evolved through successive deliveries with User input. No action.

Action - Jerryl Payne

A single FD DMON Refreshed, cyclic capability was asked for by the User Community. The refresh rate was agreed upon at 1/sec.

Julie Silva presented the Data Distribution CSC and the following issues and actions were taken.

Action - Julie Silva

A system message must be generated in the event that a queue in the data distribution overflows.

John Porter presented the Network Services CSCI and the following Actions and Issues were taken.

Action – ERP

Pete Aiello expressed the concern that a “monitor of Applications” health function was not being provided in CLCS. This function would provide information regarding the health and status of a registered application/service for the operations and maintenance community.

Emilio Valencia presented the CLCS plan for the replacement of the LPS RCVS.

No actions were taken and this design panel represents the acceptance of this design and implementation approach as the baseline.

The design panel ended at 3:35.